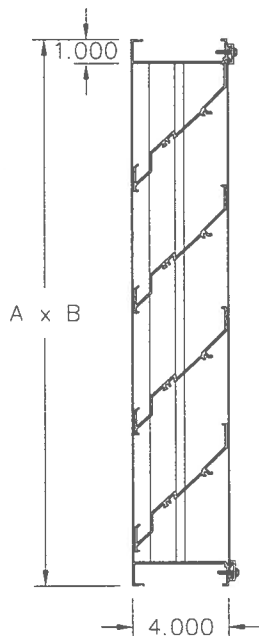
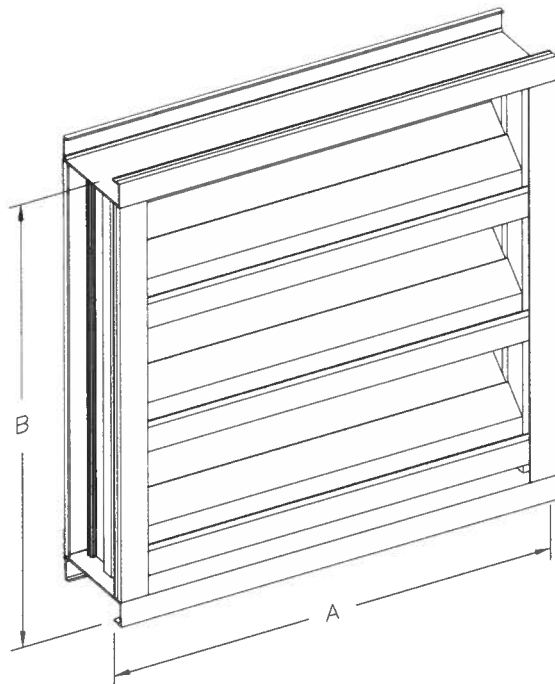
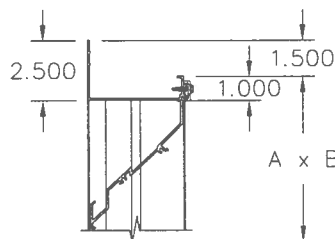


445DD



CHANNEL (CF)



FLANGE (FF)

STANDARD CONSTRUCTION

- 4" DEEP .081" THICK EXTRUDED ALUMINUM FRAME, 6063-T5 ALLOY.
- .081" THICK ALUMINUM DOUBLE DRAINABLE BLADES POSITIONED AT 45° ANGLE AND SPACED APPROXIMATELY 5.094" CENTER TO CENTER.
- .750 x .051" EXPANDED, FLATTENED ALUMINUM BIRD SCREEN IN REMOVABLE FRAME (WBS-1)

MODEL SIZES

- MINIMUM SIZE: 12" x 12"
- MAXIMUM SIZE (SINGLE SECTION) 120" x 90"

NOTE: LOUVERS LARGER THAN THE MAXIMUM SINGLE SECTION SIZE WILL REQUIRE FIELD ASSEMBLY OF SMALLER SECTIONS.

PRODUCT FEATURES

- 44% FREE AREA BASED ON 48" x 48" UNIT.
- DOUBLE DRAIN GUTTERS IN EACH BLADE, DOWNSPOUTS IN JAMBS, AND MULLIONS TO DRAIN WATER FROM THE LOUVER FOR MINIMUM WATER CASCADE FROM BLADE TO BLADE.
- ARCHITECTURALLY STYLED, HIDDEN MULLIONS ALLOWING CONTINUOUS BLADE APPEARANCE.
- ALL ALUMINUM CONSTRUCTION FOR HIGH RESISTANCE TO CORROSION.
- PUBLISHED PERFORMANCE RATINGS BASED ON TESTING IN ACCORDANCE WITH AMCA PUBLICATION 511.

MODEL OPTIONS

- EXTENDED SILL
- FLANGED FRAME
- FRONT OR REAR SECURITY BARS
- FILTER RACKS
- INSECT/BIRD SCREENS (REFERENCE SCREEN SUBMITTAL)

FINISHES

- PRIME COAT
- BAKED ENAMEL (MODIFIED FLOUROPOLYMER)
- KYNAR
- CLEAR ANODIZE
- COLOR ANODIZE (SOME VARIATION IN ANODIZE COLOR CONSISTENCY IS POSSIBLE)

TAG	QTY	ACTUAL SIZE		FRAME
		WIDTH (A)	HEIGHT (B)	

STATIONARY LOUVERS

PROJECT:

LOCATION:

ARCH/ENGR:

CONTRACTOR:

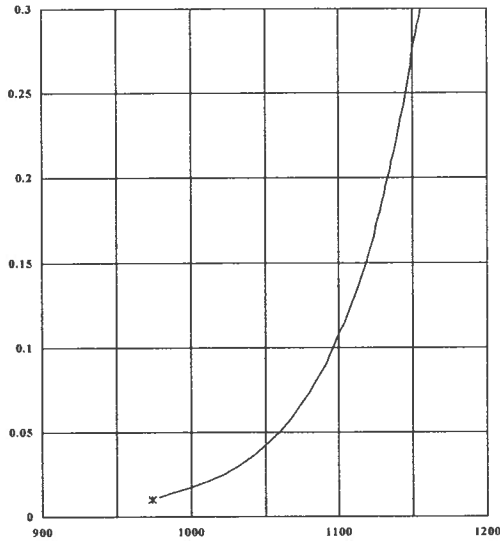
REPRESENTATIVE:

DATE:

ALL STATED SPECIFICATIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE OR OBLIGATION.

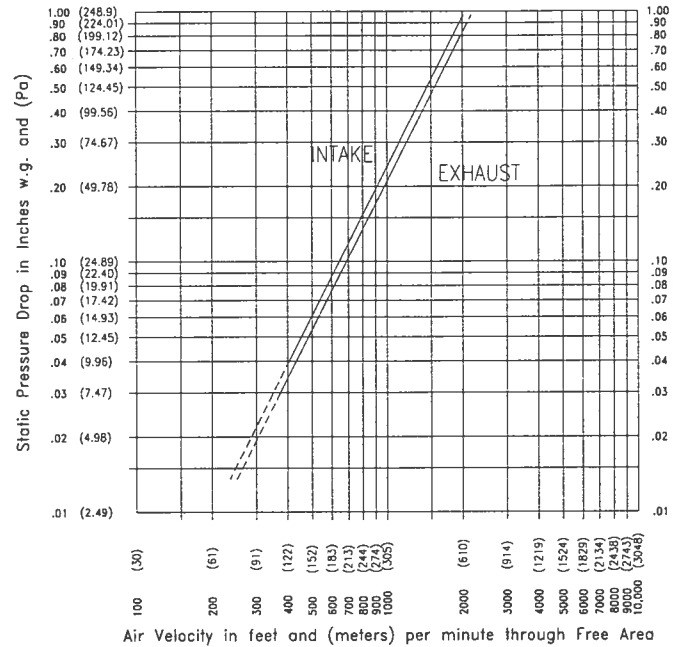
OZ. WATER/FT²(ML WATER/M²) OF FREE AREA
15 MINUTE TEST PERIOD

WATER PENETRATION BEGINNING POINT OF WATER PENETRATION AT .01 OZ./SQ. FT. IS 974 FPM (297 M/MIN.)



FREE AREA VELOCITY IN FEET PER MINUTE STANDARD
AIR .075 LB/FT (1.2 KG/M) (48" x 48" TEST SIZE)

PRESSURE DROP



Reliable Products certifies that the 445DD Louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings only.

FREE AREA GUIDE

FREE AREA GUIDE SHOWS FREE AREA IN FT² AND M² FOR VARIOUS SIZES OF 445DD.
WIDTH - INCHES AND METERS

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44	2.59	2.74	2.90	3.05
12	0.17	0.27	0.38	0.48	0.59	0.69	0.80	0.90	1.01	1.11	1.21	1.32	1.42	1.53	1.63	1.74	1.84	1.94	2.05
0.30	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
18	0.41	0.66	0.91	1.16	1.41	1.65	1.90	2.15	2.40	2.65	2.90	3.15	3.40	3.65	3.90	4.15	4.40	4.65	4.90
0.46	0.04	0.06	0.08	0.11	0.13	0.15	0.18	0.20	0.22	0.25	0.27	0.29	0.32	0.34	0.36	0.39	0.41	0.43	0.46
24	0.65	1.06	1.46	1.86	2.27	2.67	3.07	3.47	3.88	4.28	4.68	5.08	5.49	5.89	6.29	6.70	7.10	7.50	7.90
0.61	0.06	0.10	0.14	0.17	0.21	0.25	0.29	0.32	0.36	0.40	0.44	0.47	0.51	0.55	0.58	0.62	0.66	0.70	0.73
30	0.90	1.46	2.01	2.57	3.13	3.68	4.24	4.79	5.35	5.90	6.46	7.01	7.57	8.13	8.68	9.24	9.79	10.35	10.90
0.76	0.08	0.14	0.19	0.24	0.29	0.34	0.39	0.45	0.50	0.55	0.60	0.65	0.70	0.76	0.81	0.86	0.91	0.96	1.01
36	1.15	1.86	2.57	3.28	3.99	4.69	5.40	6.11	6.82	7.53	8.24	8.95	9.66	10.36	11.07	11.78	12.49	13.20	13.91
0.91	0.11	0.17	0.24	0.31	0.37	0.44	0.50	0.57	0.63	0.70	0.77	0.83	0.90	0.96	1.03	1.10	1.16	1.23	1.29
42	1.26	2.04	2.82	3.60	4.38	5.16	5.93	6.71	7.49	8.27	9.05	9.82	10.60	11.38	12.16	12.94	13.72	14.49	15.27
1.07	0.12	0.19	0.26	0.33	0.41	0.48	0.55	0.62	0.70	0.77	0.84	0.91	0.99	1.06	1.13	1.20	1.28	1.35	1.42
48	1.50	2.42	3.34	4.26	5.18	6.10	7.02	7.95	8.87	9.79	10.71	11.63	12.55	13.47	14.39	15.31	16.24	17.16	18.08
1.22	0.14	0.23	0.31	0.40	0.48	0.57	0.65	0.74	0.82	0.91	1.00	1.08	1.17	1.25	1.34	1.42	1.51	1.60	1.68
54	1.74	2.81	3.88	4.95	6.02	7.09	8.16	9.23	10.30	11.37	12.44	13.51	14.58	15.65	16.72	17.79	18.86	19.93	21.00
1.37	0.16	0.26	0.36	0.46	0.56	0.66	0.76	0.86	0.96	1.06	1.16	1.26	1.36	1.46	1.55	1.65	1.75	1.85	1.95
60	1.99	3.21	4.43	5.66	6.88	8.10	9.33	10.55	11.77	13.00	14.22	15.44	16.67	17.89	19.11	20.33	21.55	22.78	24.00
1.52	0.19	0.30	0.41	0.53	0.64	0.75	0.87	0.98	1.09	1.21	1.32	1.44	1.55	1.66	1.78	1.89	2.00	2.12	2.23
66	2.24	3.61	4.99	6.36	7.74	9.12	10.49	11.87	13.24	14.62	16.00	17.37	18.75	20.12	21.50	22.88	24.25	25.63	27.00
1.68	0.21	0.34	0.46	0.59	0.72	0.85	0.98	1.10	1.23	1.36	1.49	1.62	1.74	1.87	2.00	2.13	2.26	2.38	2.51
72	2.48	4.01	5.54	7.07	8.60	10.13	11.66	13.19	14.72	16.25	17.77	19.30	20.83	22.36	23.89	25.42	26.95	28.48	30.01
1.83	0.23	0.37	0.52	0.66	0.80	0.94	1.08	1.23	1.37	1.51	1.65	1.79	1.94	2.08	2.22	2.36	2.51	2.65	2.79
78	2.59	4.19	5.78	7.38	8.97	10.57	12.16	13.76	15.35	16.95	18.54	20.14	21.73	23.33	24.92	26.52	28.11	29.71	31.30
1.98	0.24	0.39	0.54	0.69	0.83	0.98	1.13	1.28	1.43	1.58	1.72	1.87	2.02	2.17	2.32	2.47	2.61	2.76	2.91
84	2.82	4.56	6.30	8.04	9.77	11.51	13.25	14.99	16.73	18.46	20.20	21.94	23.68	25.41	27.15	28.89	30.63	32.36	34.10
2.13	0.26	0.42	0.59	0.75	0.91	1.07	1.23	1.39	1.55	1.72	1.88	2.04	2.20	2.36	2.52	2.69	2.85	3.01	3.17
90	3.07	4.96	6.85	8.74	10.63	12.53	14.42	16.31	18.20	20.09	21.98	23.87	25.76	27.65	29.54	31.43	33.32	35.21	37.10
2.29	0.29	0.46	0.64	0.81	0.99	1.17	1.34	1.52	1.69	1.87	2.04	2.22	2.40	2.57	2.75	2.92	3.10	3.27	3.45

HEIGHT - INCHES AND METERS